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OM protein - protein search, using sw model

Run on: May 7, 2002, 12:01:21 ; Search time 26.38 seconds
(without alignments)
121.132 Million cell updates/sec

Title: US-09-772-103-10
Perfect score: 742
Sequence: 1 MAVLVFLCLVAFPSCVLSQ.....MKRGYMDYWGQGLTVTVSS 142

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

al number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents AA:*
- 1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep:*
 - 2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
 - 3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep:*
 - 4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
 - 5: /cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep:*
 - 6: /cgn2_6/ptodata/2/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	603.5	81.3	137	2	US-08-621-751A-8
2	545	73.5	140	4	US-08-943-136-4
3	527.5	71.1	137	2	US-08-621-751A-4
4	525	70.8	119	1	US-08-667-769A-62
5	525	70.8	119	5	PCT-US95-17082A-15
6	525	70.8	138	1	US-07-634-278-33
7	525	70.8	138	1	US-08-477-728-33
8	525	70.8	138	1	US-08-474-040-33
9	525	70.8	138	1	US-08-487-200-33
10	525	70.8	138	4	US-08-484-537-33
11	521	70.2	119	1	US-08-467-420A-62
12	521	70.2	119	1	US-08-470-110A-62
13	521	70.2	119	2	US-08-940-371-62
14	515.5	69.5	116	3	US-08-397-411-3
15	515.5	69.5	273	3	US-08-397-411-6
16	515.5	69.5	446	3	US-08-397-411-7
17	514	69.3	152	2	US-08-752-844-4
18	514	69.3	152	2	US-08-591-196-4
19	514	69.3	263	2	US-08-752-844-66
20	507.5	68.4	120	2	US-08-652-558-8
21	507.5	68.4	120	4	US-09-254-189-5
22	504.5	68.0	120	2	US-08-652-558-5
23	504.5	68.0	120	2	US-08-652-558-5
24	504.5	68.0	120	4	US-09-254-189-2
25	503.5	67.9	120	2	US-08-652-558-7
26	503.5	67.9	120	4	US-09-254-189-4
27	502.5	67.7	120	2	US-08-652-558-6

28	502.5	67.7	120	4	US-09-254-189-3	Sequence 3, Appli
29	497.5	67.0	120	2	US-08-652-558-9	Sequence 9, Appli
30	497.5	67.0	120	4	US-09-254-189-6	Sequence 6, Appli
31	485	65.4	119	1	US-08-667-769A-15	Sequence 15, Appli
32	485	65.4	119	5	PCT-US95-17082A-15	Sequence 36, Appli
33	482.5	65.0	120	2	US-08-353-372A-36	Sequence 15, Appli
34	482	65.0	142	2	US-08-480-774A-2	Sequence 2, Appli
35	481.5	64.9	473	4	US-09-049-672A-4	Sequence 4, Appli
36	479.5	64.6	473	3	US-08-881-037-67	Sequence 67, Appli
37	476	64.2	222	2	US-08-190-199A-67	Sequence 67, Appli
38	476	64.2	235	2	US-08-190-199A-61	Sequence 61, Appli
39	472.5	63.7	242	6	545030-15	Patent No. 545030
40	472	63.6	119	1	US-08-467-420A-19	Sequence 19, Appli
41	472	63.6	119	1	US-08-470-110A-19	Sequence 19, Appli
42	472	63.6	119	1	US-08-667-769A-19	Sequence 19, Appli
43	472	63.6	119	2	US-08-940-371-19	Sequence 19, Appli
44	472	63.6	119	3	US-08-637-647-19	Sequence 19, Appli
45	472	63.6	119	5	PCT-US95-17082A-19	Sequence 19, Appli

ALIGNMENTS

RESULT 1
US-08-621-751A-8
; Sequence 8, Application US/08621751A
; Patent No. 5882644
; GENERAL INFORMATION:
; APPLICANT: Chang, Chung N.
; APPLICANT: Landolfi, Nicholas F.
; APPLICANT: Martin, Ulrich
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC FOR THE
; TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR RECEPTOR BETA RECEPTOR AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER LLP
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,751A
; FILING DATE: 22-MAR-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 321152000100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; TELEX: 706141 MRN FOERS SFO
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 137 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-621-751A-8

Query Match 81.3%; Score 603.5; DB 2; Length 137;
Best Local Similarity 83.1%; Pred. No. 6.4e-55;
Matches 118; Conservative 5; Mismatches 14; Indels 5; Gaps 1;

QY 1 MAVLVFLCLVAFPSCVLSQVQLQESGFLVKPSQTLSTACTVSGFSLTSGVGVVWRQPP 60

us-09-772-103-10-rai

Mon Jul 1 16:28:00 2002

QY 120 HAMKRGYAMYWGQGLTVTVSS 142
 Db 121 DYV---HYAMDYWGQGLTVTVSS 140
 RESULT 3
 US-08-621-751A-4
 ; Sequence 4, Application US/08621751A
 ; Patent No. 5882644
 ; GENERAL INFORMATION:
 ; APPLICANT: Chang, Chung N.
 ; APPLICANT: Landolfi, Nicholas F.
 ; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC FOR THE
 ; TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR RECEPTOR BETA RECEPTOR AND
 ; TITLE OF INVENTION: METHODS OF USE THEREOF
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MORRISON & FOERSTER LLP
 ; STREET: 755 PAGE MILL ROAD
 ; CITY: PALO ALTO
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304-1018
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/621,751A
 ; FILING DATE: 22-MAR-1996
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Lehnhardt, Susan K.
 ; REGISTRATION NUMBER: 33,943
 ; REFERENCE/DOCKET NUMBER: 321152000100
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (650) 813-5600
 ; TELEFAX: (650) 494-0792
 ; TELEFAX: 706141 MRSN FOERS SFO
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 137 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-621-751A-4
 Query Match 71.1%; Score 527.5; DB 2; Length 137;
 Best Local Similarity 71.1%; Pred. No. 4.1e-47;
 Matches 101; Conservative 14; Mismatches 22; Indels 5; Gaps 1;
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 Db 1 MAVLALLCLVTFPPSCVLSQVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVWRQP 60
 QY 61 GKGLEWLGVIWAGGTTNYSALMSRLTISKDTSKNQVSLKSSVTAADTAVYYCARGPPH 120
 Db 61 GKGLEWLGVIWAGGTTNYSALMSRLTISKDTSKNQVSLKSSVTAADTAVYYCARGPPH 120
 QY 61 GKGLEWLGVIWAGGTTNYSALMSRLTISKDTSKNQVSLKSSVTAADTAVYYCARGPPH 120
 Db 61 GKGLEWLGVIWAGGTTNYSALMSRLTISKDTSKNQVSLKSSVTAADTAVYYCARGPPH 120
 QY 121 AMKRGYAMYWGQGLTVTVSS 142
 Db 117 -TGRGYFDYWGQGLTVTVSS 137
 RESULT 4
 US-08-667-769A-62
 ; Sequence 62, Application US/08667769A
 ; Patent No. 5783184
 ; GENERAL INFORMATION:
 ; APPLICANT: Ames, Robert S.

Db 1 MAVLALLCLVTFPPSCVLSQVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVWRQP 60
 QY 61 GKGLEWLGVIWAGGTTNYSALMSRLTISKDTSKNQVSLKSSVTAADTAVYYCARGPPH 120
 Db 61 GKGLEWLGVIWAGGTTNYSALMSRLTISKDTSKNQVSLKSSVTAADTAVYYCARGPPH 120
 QY 121 AMKRGYAMYWGQGLTVTVSS 142
 Db 117 -TGRGYFDYWGQGLTVTVSS 137
 RESULT 2
 US-08-943-136-4
 ; Sequence 4, Application US/08943136
 ; Patent No. 6291208
 ; GENERAL INFORMATION:
 ; APPLICANT: Anand, Naveen N
 ; APPLICANT: Barber, Brian H
 ; APPLICANT: Cates, George A
 ; APPLICANT: Caterini, Judith E
 ; APPLICANT: Klein, Michel H
 ; TITLE OF INVENTION: CHIMERIC ANTIBODIES FOR DELIVERY OF
 ; TITLE OF INVENTION: ANTIGENS TO SELECTED CELLS OF THE IMMUNE SYSTEM
 ; NUMBER OF SEQUENCES: 20
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Sim & McBurney
 ; STREET: 6th Floor, 330 University Avenue
 ; CITY: Toronto
 ; STATE: Ontario
 ; COUNTRY: Canada
 ; ZIP: M5G 1R7
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/943,136
 ; FILING DATE:
 ; CLASSIFICATION: 536
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/483,576
 ; FILING DATE: 07-JUNE-1995
 ; CLASSIFICATION: 536
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Stewart, Michael I
 ; REGISTRATION NUMBER: 24,973
 ; REFERENCE/DOCKET NUMBER: 1038-733
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (416) 595-1155
 ; TELEFAX: (416) 595-1163
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 140 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-943-136-4
 Query Match 73.5%; Score 545; DB 4; Length 140;
 Best Local Similarity 76.2%; Pred. No. 6.7e-49;
 Matches 109; Conservative 12; Mismatches 18; Indels 4; Gaps 2;
 QY 1 MAVLVFLCLVAFPPSCVLSQVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVWRQP 59
 Db 1 MAVLVFLSLAAPPSCVLSQVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVYVWRQP 60
 QY 60 GKGLEWLGVIWAGGTTNYSALMSRLTISKDTSKNQVSLKSSVTAADTAVYYCARGPPH 119
 Db 61 GKGLEWLGVIWAGGTTNYSALMSRLTISKDTSKNQVSLKSSVTAADTAVYYCARGPPH 120

APPLICANT: Appelbaum, Edward R.
APPLICANT: Chaiken, Irwin M.
APPLICANT: Cook, Richard M.
APPLICANT: Gross, Mitchell S.
APPLICANT: Holmes, Stephen D.
APPLICANT: McMillan, Lynette J.
APPLICANT: Theisen, Timothy W.
TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
TREATMENT OF IL5 Mediated Disorders
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
STREET: P.O. Box 1539-UW2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/667,769A
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/17082
FILING DATE: 22-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470110
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/467420
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/363131
FILING DATE: 23-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P50503
TELEPHONE: 610-270-5024
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-667-769A-62

Query Match 70.8%; Score 525; DB 1; Length 119;
Best Local Similarity 81.3%; Pred. No. 6.2e-47;
Matches 100; Conservative 11; Mismatches 8; Indels 4; Gaps 1;
QY 20 QVQLQESGPGLVKPSQTLTCTVSGFSLTSYGVYVVRPPGKGLWLVIAAGGTTNYN 79
Db 1 QVQLQESGPGLVKPSQTLTCTVSGFSLTSYGVYVVRPPGKGLWLVIAAGGTTNYN 79
QY 80 SALMSRLTSKDTSKNOVSLKLSSTVTAADTAVYYCARGPPHAMKRGYAMDYWGQGTTLVT 139
Db 61 SALMSRLTSKDTSKNOVSLKLSSTVTAADTAVYYCARGPPHAMKRGYAMDYWGQGTTLVT 139
QY 140 VSS 142
Db 117 VSS 119

RESULT 5

PCT-US95-17082A-62
Sequence 62, Application PC/TUS9517082A
GENERAL INFORMATION:
APPLICANT: Ames, Robert S.
APPLICANT: Appelbaum, Edward R.
APPLICANT: Chaiken, Irwin M.
APPLICANT: Cook, Richard M.
APPLICANT: Gross, Mitchell S.
APPLICANT: Holmes, Stephen D.
APPLICANT: McMillan, Lynette J.
APPLICANT: Theisen, Timothy W.
TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
TREATMENT OF IL5 Mediated Disorders
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corp./Corporate
STREET: P.O. Box 1539-UW2220
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/17082A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470110
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/467420
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/363131
FILING DATE: 23-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P50282-2
TELEPHONE: 610-270-5024
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-17082A-62

Query Match 70.8%; Score 525; DB 5; Length 119;
Best Local Similarity 81.3%; Pred. No. 6.2e-47;
Matches 100; Conservative 11; Mismatches 8; Indels 4; Gaps 1;
QY 20 QVQLQESGPGLVKPSQTLTCTVSGFSLTSYGVYVVRPPGKGLWLVIAAGGTTNYN 79
Db 1 QVQLQESGPGLVKPSQTLTCTVSGFSLTSYGVYVVRPPGKGLWLVIAAGGTTNYN 79
QY 80 SALMSRLTSKDTSKNOVSLKLSSTVTAADTAVYYCARGPPHAMKRGYAMDYWGQGTTLVT 139
Db 61 SALMSRLTSKDTSKNOVSLKLSSTVTAADTAVYYCARGPPHAMKRGYAMDYWGQGTTLVT 139
QY 140 VSS 142
Db 117 VSS 119

us-09-772-103-10.rai

Mon Jul 1 16:28:00 2002

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; Sequence 33, Application US/08477728
; Patent No. 558089
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,728
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-477-728-33

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; Sequence 33, Application US/08477728
; Patent No. 558089
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,728
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-477-728-33

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Query Match 70.8%; Score 525; DB 1; Length 138;

Best Local Similarity 70.4%; Pred. No. 7.5e-47;

Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;

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; Sequence 33, Application US/07634278
; Patent No. 5530101
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: CO, Man Sung
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: LANDOLFI, Nicholas F.
; APPLICANT: COELING, Kathleen L.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/634,278
; FILING DATE: 19-DEC-1990
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-07-634-278-33

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Query Match 70.8%; Score 525; DB 1; Length 138;

Best Local Similarity 70.4%; Pred. No. 7.5e-47;

Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;

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; Sequence 33, Application US/08474040
; Patent No. 5693761
; RESULT 8
; US-08-474-040-33
; Sequence 33, Application US/08474040
; Patent No. 5693761

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; Sequence 33, Application US/08477728
; Patent No. 558089
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,728
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-477-728-33

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; Sequence 33, Application US/08477728
; Patent No. 558089
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,728
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-477-728-33

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Query Match 70.8%; Score 525; DB 1; Length 138;

Best Local Similarity 70.4%; Pred. No. 7.5e-47;

Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;

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; Sequence 33, Application US/08477728
; Patent No. 558089
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,728
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-477-728-33

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; GENERAL INFORMATION:
 ; APPLICANT: QUEEN, Cary L.
 ; APPLICANT: CO, Man Sung
 ; APPLICANT: SCHNEIDER, William P.
 ; APPLICANT: LANDOLFI, Nicholas F.
 ; APPLICANT: COELINGH, Kathleen L.
 ; APPLICANT: SELIG, Harold E.
 ; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
 ; NUMBER OF SEQUENCES: 113
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew
 ; STREET: 379 Lytton Avenue
 ; CITY: Palo Alto
 ; STATE: California
 ; COUNTRY: US
 ; ZIP: 94301
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT ADDRESS:

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1 SOFTWARE: PatentIn Release #1.0, Version #1.25
2
3 CURRENT APPLICATION DATA:
4
5 APPLICATION NUMBER: US/08/487,200
6
7 FILING DATE: 7-JUN-1995
8
9 CLASSIFICATION: 424
10
11 PRIOR APPLICATION DATA:
12
13 APPLICATION NUMBER: US 07/634,278
14
15 FILING DATE: 19-DEC-1990
16
17 PRIOR APPLICATION DATA:
18
19 APPLICATION NUMBER: US 07/590,274
20
21 FILING DATE: 28-SEP-1990
22
23 PRIOR APPLICATION DATA:
24
25 APPLICATION NUMBER: US 07/310,252
26
27 FILING DATE: 13-FEB-1989
28
29 PRIOR APPLICATION DATA:
30
31 APPLICATION NUMBER: US 07/290,975
32
33 FILING DATE: 28-DEC-1988
34
35 ATTORNEY/AGENT INFORMATION:
36
37 NAME: Smith, William M
38
39 REGISTRATION NUMBER: 30,223
40
41 REFERENCE/DOCKET NUMBER: 11823-002610
42
43 TELECOMMUNICATION INFORMATION:
44
45 TELEPHONE: (415) 326-2400
46
47 TELEFAX: (415) 326-2422
48
49 INFORMATION FOR SEQ ID NO: 33:
50
51 SEQUENCE CHARACTERISTICS:
52
53 LENGTH: 138 amino acids
54
55 TYPE: amino acid
56
57 TOPOLOGY: linear
58
59 MOLECULE TYPE: protein
60
61 US-08-487-200-33

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Query Match	70.8%;	Score 525;	DB 1;	Length 138;
Best Local Similarity	70.4%;	Pred. No. 7.5e-47;		
Matches 100;	Conservative 21;	Mismatches 17;	Indels 4;	Gaps 2;
1 MAVLVFLCLVAFPCSVLQESGPGVLKPSQTLSTCTVSGFSLTSGYGVVWRQPP 60				
1 MAVLGLFLCLVTFPSCVLQSQVLKQSGPGVLQPSQSLSTCTVSGFVSVTSGYVHWIRQSP 60				
61 GKGLEWLGVIWAGGTTYNALSMSRLTISKDTSKNOVSKLSSVTADTAVYVCARGPPH 120				
61 GKGLEWLGVIWSSGSTDYNAAFISRLTISKDNKSQVFFKVNLSQPADTAIYYCARAGDY 120				
121 AMMKRGYAMDTWGQGLTLVTVSS 142				
121 NY--DGFA--YWGQGLTLVTVA 138				

RESULT 10
US-08-484-537-33
; Sequence 33, Application US/08484537

us-09-772-103-10.ra1

Mon Jul 1 16:28:00 2002

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; Patent No. 6180370
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: CO, Man Sung
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: LANDOLFI, Nicholas F.
; APPLICANT: COELINGH, Kathleen L.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,537
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/634,278
; FILING DATE: 19-DEC-1990
; APPLICATION NUMBER: US/07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 138 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-484-537-33

Query Match 70.8%; Score 525; DB 4; Length 138;
Best Local Similarity 70.4%; Pred. No. 7.5e-47;
Matches 100; Conservative 21; Mismatches 17; Indels 4; Gaps 2;

QY 1 MAVLVFLCLVAFPPSCVLSQVQLQESGPGLVKPSQTLSTCTVSGFSLTSGYVWVRQPP 60
Db 1 MAVLGFLCLVTFPSCVLSQVQLKQSGPGLVQPSQSLTCTVSGFSLTSGYVHWIROS 60
QY 61 GKGLEWLVWAGGTTNNYSALMSRLTISKDTSKNOVSLKLSVTAADTAVYYCARGPPH 120
Db 61 GKGLEWLVWISGGSDYNAAFISRLTISKNSKQVFFKNSLQPADTAIYYCARAGDY 120
QY 121 ANMKRGYAMDYWGQGTTLTVTVSS 142
Db 121 NY--DGFA--YWGQGTTLTVTSA 138

RESULT 11
US-08-467-420A-62
; Sequence 62, Application US/08467420A

; Patent No. 5683892
; GENERAL INFORMATION:
; APPLICANT: Ames, Robert S.
; APPLICANT: Appelbaum, Edward R.
; APPLICANT: Chaiken, Irwin M.
; APPLICANT: Cook, Richard M.
; APPLICANT: Gross, Mitchell S.
; APPLICANT: Holmes, Stephen D.
; APPLICANT: McMillan, Lynette J.
; APPLICANT: Theisen, Timothy W.
; TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
; TREATMENT OF IL5 Mediated Disorders
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate
; ADDRESSEE: Intellectual Property
; STREET: P. O. Box 1539-UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/467,420A
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/363131
; FILING DATE: 23-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Sutton, Jeffrey A.
; REGISTRATION NUMBER: 34,028
; REFERENCE/DOCKET NUMBER: P50282
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610 270-5024
; TELEFAX: 610 270-5090
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-467-420A-62

Query Match 70.2%; Score 521; DB 1; Length 119;
Best Local Similarity 80.5%; Pred. No. 1.6e-46;
Matches 99; Conservative 12; Mismatches 8; Indels 4; Gaps 1;

QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSGYVWVRQPPGKLEWLVWAGGTTNN 79
Db 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSGYVWVRQPPGKLEWLVWAGGTTNN 60
QY 80 SALMSRLTISKDTSKNOVSLKLSVTAADTAVYYCARGPPHAMMKRGYAMDYWGQGTTLV 139
Db 61 SALMSRLSLKDKNSKNOVSLRLSSVTAADTAVYYFCARDPSSLLR----LDYWGQGTTLV 116
QY 140 VSS 142
Db 117 VSS 119

RESULT 12
US-08-470-110A-62
; Sequence 62, Application US/08470110A
; Patent No. 5693323
; GENERAL INFORMATION:
; APPLICANT: Ames, Robert S.
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;; APPLICANT: Appelbaum, Edward R.
;; APPLICANT: Chaiken, Irwin M.
;; APPLICANT: Cook, Richard M.
;; APPLICANT: Gross, Mitchell S.
;; APPLICANT: Holmes, Stephen D.
;; APPLICANT: McMillan, Lynette J.
;; APPLICANT: Theisen, Timothy W.
;; TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
;; TITLE OF INVENTION: Treatment of IL5 Mediated Disorders
;; NUMBER OF SEQUENCES: 74
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: SmithKline Beecham Corp./Corporate
;; ADDRESSEE: Intellectual Property
;; STREET: P. O. Box 1539-0W2220
;; CITY: King of Prussia
;; STATE: Pennsylvania
;; COUNTRY: USA
;; ZIP: 19406-0939
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/470,110A
;; FILING DATE:
;; CLASSIFICATION: 426
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/363131
;; FILING DATE: 23-DEC-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sutton, Jeffrey A.
;; REGISTRATION NUMBER: 34,028
;; REFERENCE/DOCKET NUMBER: P50282
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 610 270-5024
;; TELEFAX: 610 270-5090
;; INFORMATION FOR SEQ ID NO: 62:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 119 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-470-110A-62

Query Match 70.2%; Score 521; DB 1; Length 119;
Best Local Similarity 80.5%; Pred. No. 1.6e-46;
Matches 99; Conservative 12; Mismatches 8; Indels 4; Gaps 1;
QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVVRQPPGKGLWLGVIWAGGTTNYN 79
Db 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVVRQPPGKGLWLGVIWAGGTTN 60
QY 80 SALMSRLTISKDTSKNQVSLKSSVTAADTAVYVCARGPPHAMMKRGYAMDYWGQGLT 139
Db 61 SALMSRLSLKDKNSKQVSLRSLSSVTAADTAVYFCARDPPSSLR----LDYWGQGLT 116
QY 140 VSS 142
Db 117 VSS 119

RESULT 13
US-08-940-371-62
; Sequence 62, Application US/08940371
; Patent No. 5851525
; GENERAL INFORMATION:
; APPLICANT: Ames, Robert S.
; APPLICANT: Appelbaum, Edward R.
; APPLICANT: Chaiken, Irwin M.
; APPLICANT: Cook, Richard M.

;; APPLICANT: Gross, Mitchell S.
;; APPLICANT: Holmes, Stephen D.
;; APPLICANT: McMillan, Lynette J.
;; APPLICANT: Theisen, Timothy W.
;; TITLE OF INVENTION: Recombinant IL5 Antagonists Useful in
;; TITLE OF INVENTION: Treatment of IL5 Mediated Disorders
;; NUMBER OF SEQUENCES: 74
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: SmithKline Beecham Corp./Corporate
;; ADDRESSEE: Intellectual Property
;; STREET: P. O. Box 1539-0W2220
;; CITY: King of Prussia
;; STATE: Pennsylvania
;; COUNTRY: USA
;; ZIP: 19406-0939
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/940,371
;; FILING DATE:
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/470,110
;; FILING DATE:
;; APPLICATION NUMBER: US 08/363131
;; FILING DATE: 23-DEC-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sutton, Jeffrey A.
;; REGISTRATION NUMBER: 34,028
;; REFERENCE/DOCKET NUMBER: P50282
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 610 270-5024
;; TELEFAX: 610 270-5090
;; INFORMATION FOR SEQ ID NO: 62:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 119 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-940-371-62

Query Match 70.2%; Score 521; DB 2; Length 119;
Best Local Similarity 80.5%; Pred. No. 1.6e-46;
Matches 99; Conservative 12; Mismatches 8; Indels 4; Gaps 1;
QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVVRQPPGKGLWLGVIWAGGTTN 79
Db 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGYYVVRQPPGKGLWLGVIWAGGTTN 60
QY 80 SALMSRLTISKDTSKNQVSLKSSVTAADTAVYVCARGPPHAMMKRGYAMDYWGQGLT 139
Db 61 SALMSRLSLKDKNSKQVSLRSLSSVTAADTAVYFCARDPPSSLR----LDYWGQGLT 116
QY 140 VSS 142
Db 117 VSS 119

RESULT 14
US-08-397-411-3
; Sequence 3, Application US/08397411
; Patent No. 6129914
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Gingrich, Roger
; APPLICANT: Link, Brian
; APPLICANT: Tso, J. Yun
; TITLE OF INVENTION: Bispecific Antibody Effective to Treat

;;
;; TITLE OF INVENTION: B-Cell Lymphoma and Cell Line
;; NUMBER OF SEQUENCES: 14
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Townsend and Townsend and Crew
;; STREET: One Market Plaza, Steuart Tower, Suite 2000
;; CITY: San Francisco
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94105
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC Compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent in Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/397,411
;; FILING DATE: 01-MAR-1995
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/859,583
;; FILING DATE: 27-MAR-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Smith, William M.
;; REGISTRATION NUMBER: 30,223
;; REFERENCE/DOCKET NUMBER: 011823-004901
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-326-2400
;; TELEFAX: 415-326-2422
;; INFORMATION FOR SEQ ID NO: 6:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 273 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; US-08-397-411-6

Query Match 69.5%; Score 515.5; DB 3; Length 116;
Best Local Similarity 80.5%; Pred. No. 5.7e-46;
Matches 99; Conservative 10; Mismatches 7; Indels 7; Gaps 1;

QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVIYVWRQPPGKLEWLVGVIWAGGTTNYN 79
Db 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVIYVWRQPPGKLEWLVGVIWAGGTTNYN 60

QY 80 SALMSRLTISKDTSKNOVSLKLSVTAAADTAVYYCARGPPHAMMKRGYAMDYWGQGLT 139
Db 61 AAFISRLTISKDTSKNOVSLKLSVTAAADTAVYYCARND-----RYAMDYWGQGLT 113

QY 140 VSS 142
Db 114 VSS 116

Search completed: May 7, 2002, 12:01:22
Job time: 150 sec

;;
;; TITLE OF INVENTION: B-Cell Lymphoma and Cell Line
;; NUMBER OF SEQUENCES: 14
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Townsend and Townsend and Crew
;; STREET: One Market Plaza, Steuart Tower, Suite 2000
;; CITY: San Francisco
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94105
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC Compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent in Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/397,411
;; FILING DATE: 01-MAR-1995
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/859,583
;; FILING DATE: 27-MAR-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Smith, William M.
;; REGISTRATION NUMBER: 30,223
;; REFERENCE/DOCKET NUMBER: 011823-004901
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-326-2400
;; TELEFAX: 415-326-2422
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 116 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; US-08-397-411-3

Query Match 69.5%; Score 515.5; DB 3; Length 116;
Best Local Similarity 80.5%; Pred. No. 5.7e-46;
Matches 99; Conservative 10; Mismatches 7; Indels 7; Gaps 1;

QY 20 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVIYVWRQPPGKLEWLVGVIWAGGTTNYN 79
Db 1 QVQLQESGPGLVKPSQTLSTCTVSGFSLTSYGVIYVWRQPPGKLEWLVGVIWAGGTTNYN 60

QY 80 SALMSRLTISKDTSKNOVSLKLSVTAAADTAVYYCARGPPHAMMKRGYAMDYWGQGLT 139
Db 61 AAFISRLTISKDTSKNOVSLKLSVTAAADTAVYYCARND-----RYAMDYWGQGLT 113

QY 140 VSS 142
Db 114 VSS 116

RESULT 15
US-08-397-411-6
; Sequence 6, Application US/08397411
; Patent No. 6129914
; GENERAL INFORMATION:
; APPLICANT: Welner, George
; APPLICANT: Gingrich, Roger
; APPLICANT: Link, Brian
; APPLICANT: Tso, J. Yun
; TITLE OF INVENTION: Bispecific Antibody Effective to Treat
; TITLE OF INVENTION: B-Cell Lymphoma and Cell Line
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA